

ABSTRACT

An advantage of the invention is to provide a master alloy used in a casting of a modified copper alloy, grains of which can be refined during a melt-solidification, and also a method of casting a modified copper alloy using the same.

In order to achieve the advantage, master alloy for casting a copper alloy in a form of Cu: 40 to 80%, Zr: 0.5 to 35% and the balance of Zn; and Cu: 40 to 80%, Zr: 0.5 to 35%, P: 0.01 to 3% and the balance of Zn are used, and thus grain-refined copper alloy casting products are obtained.